

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-27. (canceled)

Claim 28. (new) A terminal device coupled to a packet-switched communication network comprising:

a data processing device having a first program module, wherein said processing device configures first signaling information according to a first packet-switched standard protocol, and configures second signaling information according to a circuit-switched standard protocol;

an interface unit for operatively coupling the terminal device to the packet-switched communication network wherein the first signaling information is transmitted through the interface with the assistance of signaling packets of the packet-switched communication network, and the second signaling information is transmitted through the interface with the assistance of data packets of the packet-switched communication network.

Claim 29. (new) The terminal device according to claim 28, wherein the data packets used to transmit the second signaling information are transmitted in a part of the signaling packets which does not contain any first signaling information.

Claim 30. (new) The terminal device according to claim 28, wherein signaling information for at least one service and/or performance feature is transmitted as second signaling information.

Claim 31. (new) The terminal device according to claim 30, wherein the service feature and/or performance feature includes at least one of call pick up, three way conferencing, large scale conferencing, holding, displaying of toll information, a closed user group, call

number identification, automatic call back when busy, automatic call back when no response, call barring, call waiting indication and call transfer.

Claim 32. (new) The terminal device according to claim 28, wherein the second signaling information, with the assistance of the packet-switched communication network, is transmitted from the terminal device to the interface unit between the packet-switched communication network and the circuit-switched communication network.

Claim 33. (new) The terminal device according to claim 28, wherein the data processing system further comprises a second program module that converts the transmitted signaling information into image information to be displayed on a display unit and processes information which is input using an input unit, using data exchanged between the first program module and the second program module.

Claim 34. (new) The terminal device according to claim 33, wherein the second program module provides a graphical interface.

Claim 35. (new) The terminal device according to claim 34, wherein a number of possible graphical interfaces are stored in the data processing device, and the user interfaces are optionally switched over by the second program module.

Claim 36. (new) The terminal device according to claim 28, wherein the terminal device is configured as a computer system with software and hardware.

Claim 37. (new) A method for operating a telecommunication system having at least one terminal device operatively coupled to a packet-switched network comprising the steps of:
configuring first signaling information according to a packet-switched standard protocol;
processing said first signaling information according to the rules of the packet-switched standard protocol;

configuring second signaling information according to a circuit-switched standard protocol;

processing said second signaling information according to the rules of the circuit-switched standard protocol;

transmitting first bits of signaling information through an interface with the assistance of signaling packets of the packet-switched communication network, and the second signaling information is transmitted through the interface with the assistance of data packets of the packet-switched communication network.